

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	10	"4825449"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 11:48
S2	1	10/613,577	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 09:16
S3	1	half\$2symbol adj1 constellation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 15:30
S4	84	Yoshihara with Koichi	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 09:18
S5	1	S4 and constellation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 09:18
S6	13	constellation and sampl\$3 with shift\$3 with (half or "1/2" or one\$2half) with period	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 09:41
S7	1	constellation same sampl\$3 with shift\$3 with (half or "1/2" or one\$2half) with period	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 09:22
S10	2	(raise\$3cosine or gaussian) with filter\$3 and (psedo\$3symbol or PN adj2 symbol or (psedo\$3radom adj1 symbol))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 09:46
S12	8	(pseudo\$3symbol or (pseudo\$3radom adj1 symbol))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 06:45
S13	28	constellation and (pseudo\$3symbol or PN adj2 symbol or (pseudo\$3radom adj1 symbol))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 10:06

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S14	2	S13 and (raise\$3cosine or gaussian) with filter\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 10:06
S15	3	constellation and (pseudo\$3symbol or (pseudo\$3radom adj1 symbol))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 10:04
S16	1	half\$2symbol with constellation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 10:59
S17	224	(symbol with clock) same (sampl\$3 with clock with shift\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 14:34
S18	34	S17 and constellation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 11:01
S19	5	S17 same constellation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 11:04
S20	29	S18 not S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 11:36
S31	36	"4756011"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 11:48
S32	35	(roll adj1 off or rais\$3cosine) with filter\$3 and (((symbol adj1 tim\$3) or symbol or tim\$3 or carrier or frequency or data) adj1 recover\$3 with delay\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 11:53
S33	35	(roll adj1 off or rais\$3cosine) with filter\$3 and (((symbol adj1 tim\$3) or symbol or tim\$3 or carrier or frequency or data)) adj1 recover\$3 with delay\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 12:07

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S34	2	09/948,015	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 12:05
S35	35	(roll adj1 off or rais\$3cosine) with ((low adj1 pass\$3 with filter\$3) or lpf or bpf or (band adj1 pass\$3 adj1 filter\$3 or filter\$3) ) and (((symbol adj1 tim\$3) or symbol or tim\$3 or carrier or frequency or data)) adj1 recover\$3 with delay\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 12:08
S36	320	(symbol with clock) same (sampl\$3 with clock with delay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 14:35
S38	228	(symbol with clock) with (sampl\$3 with clock with delay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 14:36
S41	11	(symbol adj1 clock) with (sampl\$3 adj1 clock with delay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 15:09
S42	4218	(symbol or clock) with recover\$3 same (clock with (delay\$3 or shift\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 16:40
S43	121	(symbol or clock) with recover\$3 with (clock adj1(delay\$3 or shift\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 15:25
S44	3	(symbol or clock) with recover\$3 with (clock adj1(delay\$3 or shift\$3)) same (quadrature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 06:26
S45	5	(symbol or clock) with recover\$3 with (clock adj1(delay\$3 or shift\$3)) same (quadrature or ("I" and "Q"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 15:28
S46	2	S45 not S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 15:27

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S47	1	(symbol or clock) with recover\$3 with (clock adj1(delay\$3 or shift\$3)) and (quadrature or ("I" and "Q")) and (ADC or "A/D" or analog adj1 to adj1 digital)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 15:33
S48	18	(symbol or clock) with recover\$3 and (quadrature or ("I" and "Q")) and (ADC or "A/D" or analog adj1 to adj1 digital) and constellation with display\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 16:04
S49	1	(symbol or clock) with recover\$3 and (quadrature or ("I" and "Q")) and constellation with display\$3 with (template or pre\$2calculat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 16:05
S50	9	(symbol or clock) with recover\$3 and (quadrature or ("I" and "Q")) and constellation with (template or pre\$2calculat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 16:11
S51	64	"5872815"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 16:39
S52	221	375/228.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 16:40
S53	1366	375/224.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 16:40
S54	21	S53 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 16:40
S55	4	S52 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 16:40
S60	94	(symbol or clock or data) with recover\$3 and (pseudo\$3symbol\$1 or (pseudo\$3rdom adj1 symbol\$1) or pseudo adj1 symbol\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 06:52

## EAST Search History

S61	25	(symbol or clock or data) adj2 recover\$3 and (pseudo\$3symbol\$1 or (pseudo\$3radom adj1 symbol\$1) or pseudo adj1 symbol\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 06:47
S62	2	(symbol or clock or data) adj2 recover\$3 and (pseudo\$3symbol\$1 or (pseudo\$3radom adj1 symbol\$1) or pseudo adj1 symbol\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 06:47
S63	3	(symbol or clock or data) with recover\$3 and (pseudo\$3symbol\$1 or (pseudo\$3radom adj1 symbol\$1) or pseudo adj1 symbol\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 06:49
S64	3	(symbol or clock or data) same recover\$3 and (pseudo\$3symbol\$1 or (pseudo\$3radom adj1 symbol\$1) or pseudo adj1 symbol\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 06:52
S65	1	S64 not S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 06:50
S69	3	(CDR or ((symbol or clock or data or carrier or frequency or tim\$3) same recover\$3)) and (pseudo\$3symbol\$1 or (pseudo\$3radom adj1 symbol\$1) or pseudo adj1 symbol\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 06:57
S70	3	"7072414"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 06:57
S71	12	("4426710"   "5142551"   "5379324"   "5712877"   "5724390"   "5841817"   "6148040"   "6185259"   "6263029"   "6320914"   "6411661"   "6430212").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/13 07:03